

T280X

#3

SEQUENCE LISTING

(1)\* GENERAL INFORMATION:

(i) APPLICANT: Levine, Daniel M.; Parker, Thomas S.;  
Rubin, Albert L; Gordon, Bruce R; Saal, Stuart D.

(ii) TITLE OF INVENTION: Methods Useful in Endotoxin Based  
Prophylaxis and Therapy

(iii) NUMBER OF SEQUENCES: 9

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Felfe & Lynch  
(B) STREET: 805 Third Avenue  
(C) CITY: New York City  
(D) STATE: New York  
(E) COUNTRY: USA  
(F) ZIP: 10022

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette, 5.25 inch, 360 kb  
storage  
(B) COMPUTER: IBM PS/2  
(C) OPERATING SYSTEM: PC-DOS  
(D) SOFTWARE: Wordperfect

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/487,459  
(B) FILING DATE: 7-JUNE-1995  
(C) CLASSIFICATION: 435

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PCT/US93/07453  
(B) FILING DATE: 9-AUGUST-1993

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 07/928,930  
(B) FILING DATE: 12-AUGUST-1992

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Hanson, Norman D.  
(B) REGISTRATION NUMBER: 30,946  
(C) REFERENCE/DOCKET NUMBER: ROGO 211.3

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (212) 688-9200  
(B) TELEFAX: (212) 838-3884

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## (1) GENERAL INFORMATION:

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(D) SOFTWARE: Wordperfect
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(A) APPLICATION NUMBER:  
(B) FILING DATE:  
(C) CLASSIFICATION: A
- (vii) PRIOR APPLICATION DATA:  
(A) APPLICATION NUMBER: PCT/US93/07453  
(B) FILING DATE: 9-AUGUST-1993
- (vii) PRIOR APPLICATION DATA:  
(A) APPLICATION NUMBER: 07/928,930  
(B) FILING DATE: 12-AUGUST-1992
- (viii) ATTORNEY/AGENT INFORMATION:  
(A) NAME: Hanson, Norman D.  
(B) REGISTRATION NUMBER: 30,946  
(C) REFERENCE/DOCKET NUMBER: ROGO 211.2
- (ix) TELECOMMUNICATION INFORMATION:  
(A) TELEPHONE: (212) 688-9200  
(B) TELEFAX: (212) 838-3884

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Asp Trp Leu Lys Ala Phe Tyr Asp Lys Val Ala Glu Lys Leu Lys  
5 10 15  
Glu Ala Phe

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18 amino acids

(B) TYPE: amino acid

(D) ~~TOPOLOGY~~: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Lys Trp Leu Asp Ala Phe Tyr Lys Asp Val Ala Lys Glu Leu Glu  
5 10 15  
Lys Ala Phe

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 17 amino acids

(B) TYPE: amino\acid

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Asp Trp Leu Lys Ala Phe Tyr Asp Lys Ala Glu Lys Leu Lys Glu  
5 10 15  
Ala Phe

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Asp Trp Leu Lys Ala Phe Tyr Asp Lys Val Ala Glu Lys Leu Lys  
5 10 15  
Glu Ala Phe

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Lys Trp Leu Asp Ala Phe Tyr Lys Asp Val Ala Lys Glu Leu Glu  
5 10 15  
Lys Ala Phe

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 17 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Asp Trp Leu Lys Ala Phe Tyr Asp Lys Ala Glu Lys Leu Lys Glu  
5 10 15  
Ala Phe

## (2) INFORMATION FOR SEQ ID NO: 4:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 22 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Pro Lys Leu Glu Glu Leu Lys Glu Lys Leu Lys Glu Leu Leu Glu  
 5 10 15  
 Lys Leu Lys Glu Lys Leu Ala  
 20

## (2) INFORMATION FOR SEQ ID NO: 5:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 16 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Val Ser Ser Leu Lys Glu Tyr Trp Ser Ser Leu Lys Glu Ser Phe  
 5 10 15  
 Ser

## (2) INFORMATION FOR SEQ ID NO: 6:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Val Ser Ser Leu Leu Ser Ser Leu Lys Glu Tyr Trp Ser Ser Leu  
 5 10 15  
 Lys Glu Ser Leu Ser  
 20

## (2) INFORMATION FOR SEQ ID NO: 7:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Val Ser Ser Leu Leu Ser Ser Leu Leu Ser Ser Leu Lys Glu Tyr  
 5 10 15  
 Trp Ser Ser Leu Lys Glu Ser Glu Ser  
 20

## (2) INFORMATION FOR SEQ ID NO: 8:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 22 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Glu Leu Glu  
                   5                  10                  15  
 Ala Leu Lys Gln Lys Met Lys  
                   20

## (2) INFORMATION FOR SEQ ID NO: 9:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 22 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

Pro Leu Ala Glu Asp Leu Gln Thr Lys Leu Asn Glu Asn Val Glu  
                   5                  10                  15  
 Asp Leu Arg Lys Gln Leu Val  
                   20

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 22 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Pro Lys Leu Glu Glu Leu Lys Glu Lys Leu Lys Glu Leu Leu Glu  
5 10 15  
Lys Leu Lys Glu Lys Leu Ala  
20

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 16 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Val Ser Ser Leu Lys Glu Tyr Trp Ser Ser Leu Lys Glu Ser Phe  
5 10 15  
Ser

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Val Ser Ser Leu Leu Ser Ser Leu Lys Glu Tyr Trp Ser Ser Leu  
5 10 15  
Lys Glu Ser Leu Ser  
20

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Val Ser Ser Leu Leu Ser Ser Leu Leu Ser Ser Leu Lys Glu Tyr  
5 10 15  
Trp Ser Ser Leu Lys Glu Ser Glu Ser  
20

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 22 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Glu Leu Glu  
5 10 15  
Ala Leu Lys Gln Lys Met Lys  
20

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 22 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

Pro Leu Ala Glu Asp Leu Gln Thr Lys Leu Asn Glu Asn Val Glu  
5 10 15  
Asp Leu Arg Lys Gln Leu Val  
20